



Lloyd's
Register

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

| | |
|-------------------------|--|
| PRODUCER | John Gjerde AS Bryggjebakken 6083 Gjerdsвика Norway |
| DESCRIPTION | Air vent head with body material Aluminium, optional stainless steel, galvanised or cast carbon steel; Float disc made of ABS plastics with Neoprene gasket. Further options: electric heating element, stainless steel flame, bug or rat screen or different flange connections. |
| TYPE | HIDE |
| RATINGS | HIDE from DN 40 to DN 300 |
| APPLICATION | As automatic closing devices on tank air pipes which terminate on open deck on ships classed or intended for Classification with Lloyd's Register. |
| STANDARDS | Lloyd's Register Rules and Regulations for the Classification of Ships, January 2016; IACS P3, Rev 3, 2012 |
| OTHER CONDITIONS | Selection and installation to be in accordance with the producer's instructions and recommendations. |

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| Certificate No. | 16/20032 |
| Issue Date | 05 April 2016 |
| Expiry Date | 04 April 2021 |
| Sheet | 1 of 2 |

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



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Hamburg Technical Support Office
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The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ENS 34211-16 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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